

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091424\
 Data File : VN083900.D
 Acq On : 14 Sep 2024 19:08
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 16 01:40:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

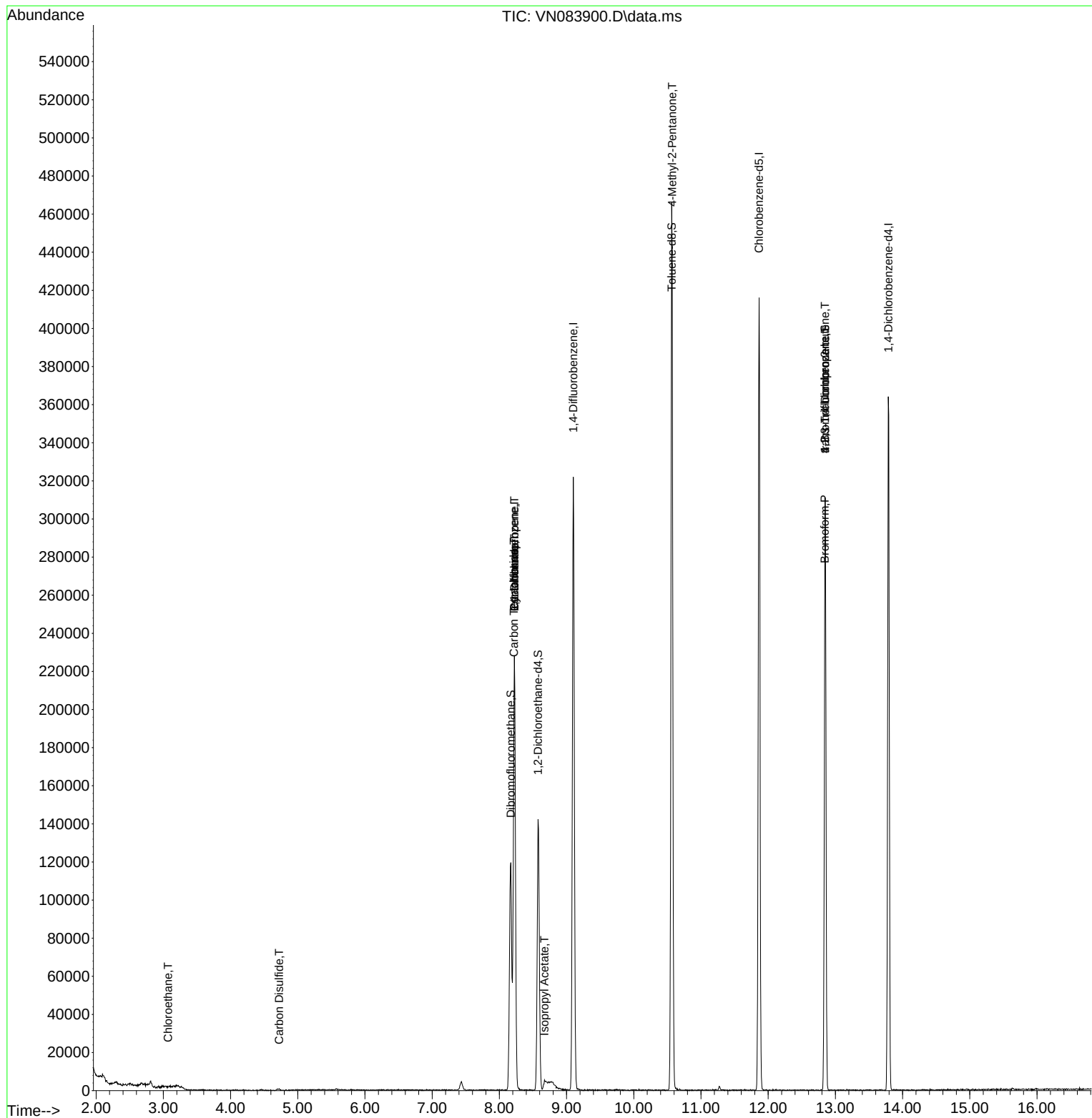
Internal Standards						
1) Pentafluorobenzene	8.224	168	150170	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	259613	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	220191	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	92288	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	119309	52.690	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.380%			
35) Dibromofluoromethane	8.171	113	85336	51.345	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.700%			
50) Toluene-d8	10.565	98	308723	53.732	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.460%			
62) 4-Bromofluorobenzene	12.847	95	103736	43.761	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 87.520%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.353	50	72	Below Cal	#	41
6) Chloroethane	3.071	64	296	0.221	ug/l #	45
17) Carbon Disulfide	4.724	76	1557	0.343	ug/l #	75
18) Methyl Acetate	5.041	43	57	Below Cal	#	52
31) Cyclohexane	8.224	56	4372	1.336	ug/l #	34
36) 1,1-Dichloropropene	8.224	75	14410	5.760	ug/l #	51
38) Carbon Tetrachloride	8.218	117	18433	6.495	ug/l #	17
43) Isopropyl Acetate	8.671	43	2211	0.537	ug/l #	57
51) 4-Methyl-2-Pentanone	10.571	43	1830	0.817	ug/l #	1
71) Bromoform	12.841	173	241	0.211	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	61378	32.960	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	61378	86.325	ug/l #	9

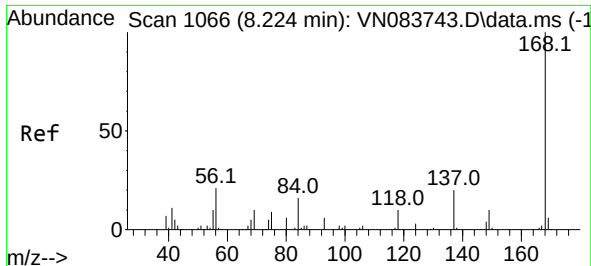
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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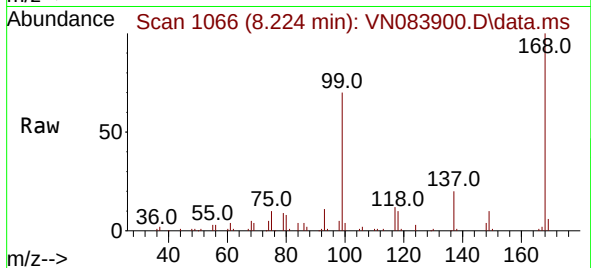
Quant Time: Sep 16 01:40:32 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration



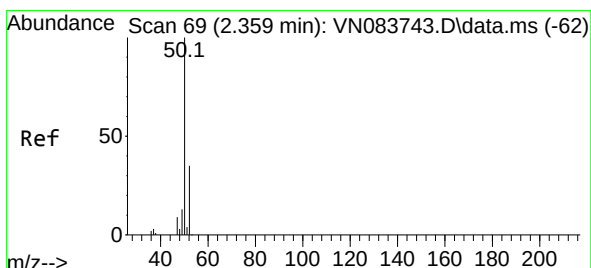
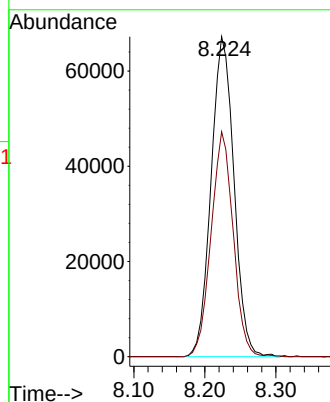
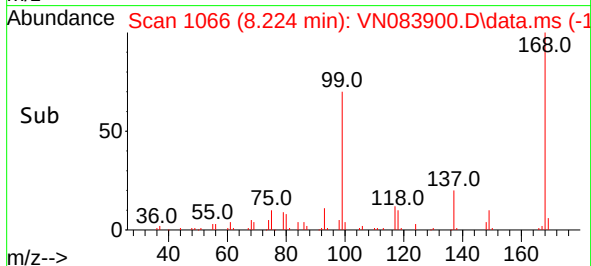


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083900.D
Acq: 14 Sep 2024 19:08

Instrument :
MSVOA_N
ClientSampleId :

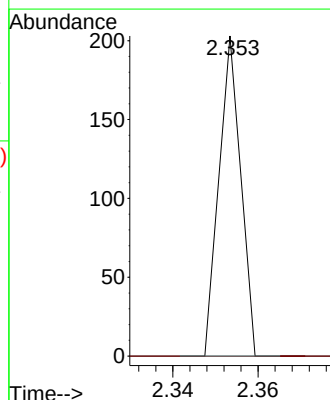
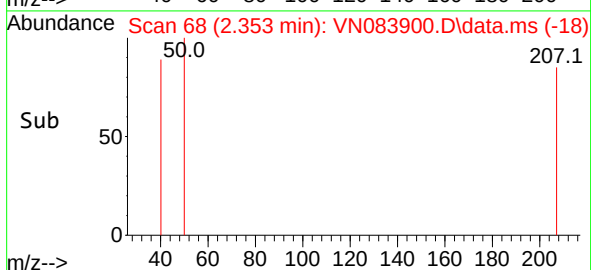
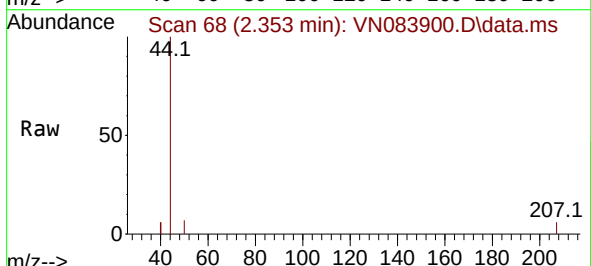


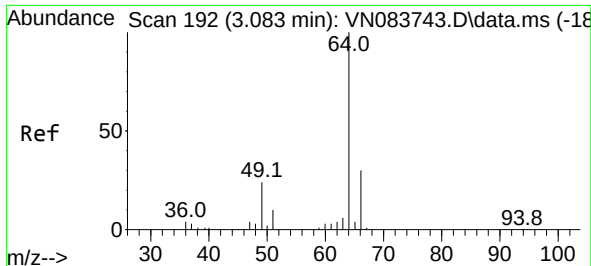
Tgt Ion:168 Resp: 150170
Ion Ratio Lower Upper
168 100
99 70.3 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.353 min Scan# 68
Delta R.T. -0.006 min
Lab File: VN083900.D
Acq: 14 Sep 2024 19:08

Tgt Ion: 50 Resp: 72
Ion Ratio Lower Upper
50 100
52 0.0 27.2 40.8#

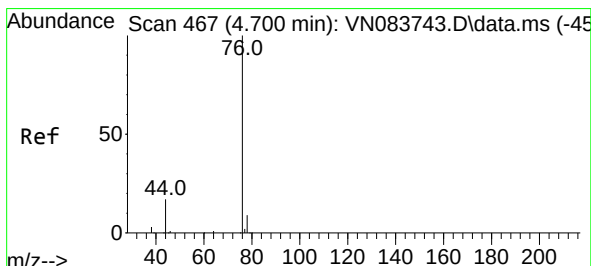
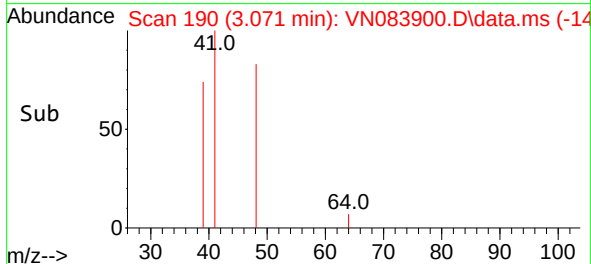
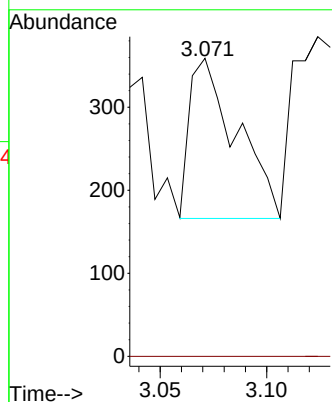
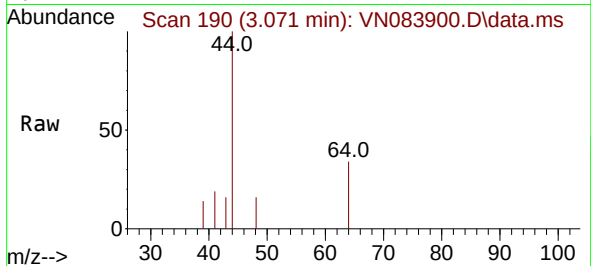




#6
Chloroethane
Concen: 0.221 ug/l
RT: 3.071 min Scan# 192
Delta R.T. -0.012 min
Lab File: VN083900.D
Acq: 14 Sep 2024 19:08

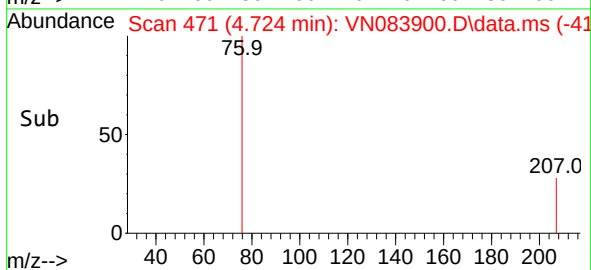
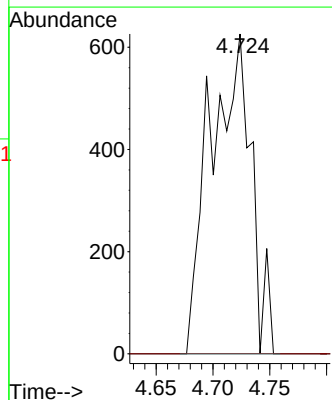
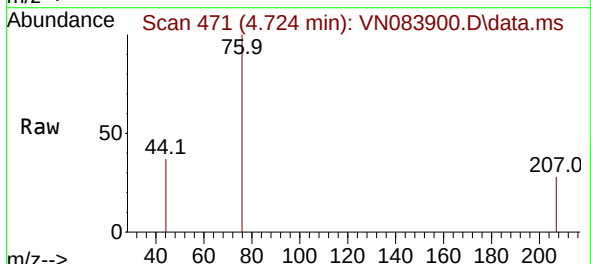
Instrument :
MSVOA_N
ClientSampleId :

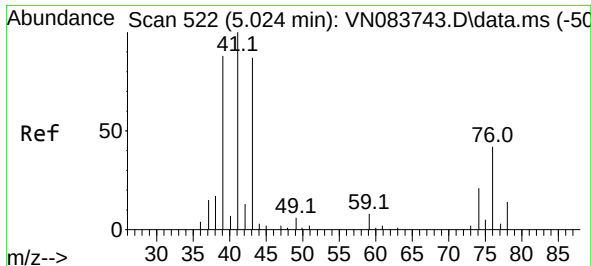
Tgt Ion: 64 Resp: 296
Ion Ratio Lower Upper
64 100
66 0.0 23.9 35.9#



#17
Carbon Disulfide
Concen: 0.343 ug/l
RT: 4.724 min Scan# 471
Delta R.T. 0.023 min
Lab File: VN083900.D
Acq: 14 Sep 2024 19:08

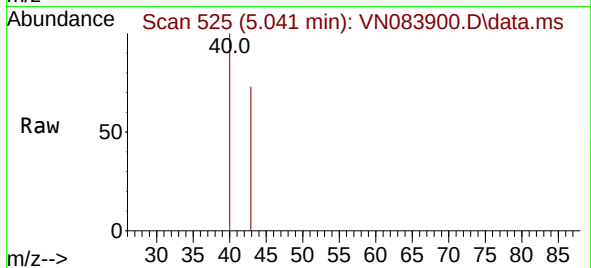
Tgt Ion: 76 Resp: 1557
Ion Ratio Lower Upper
76 100
78 0.0 7.1 10.7#



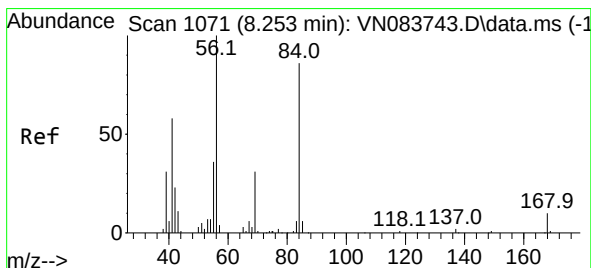
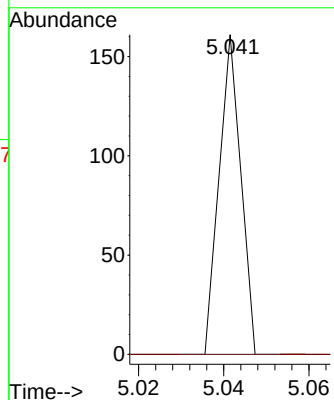
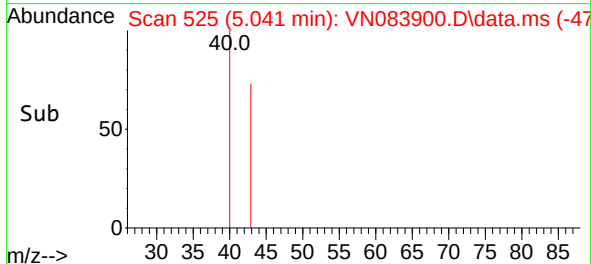


#18
Methyl Acetate
Concen: Below Cal
RT: 5.041 min Scan# 51
Delta R.T. 0.017 min
Lab File: VN083900.D
Acq: 14 Sep 2024 19:08

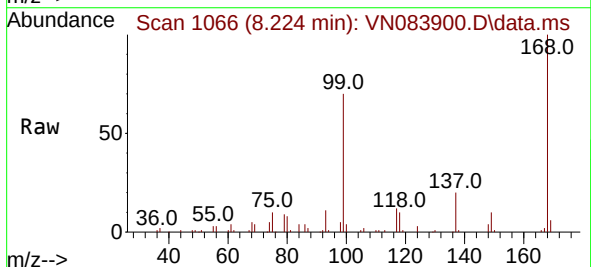
Instrument :
MSVOA_N
ClientSampleId :



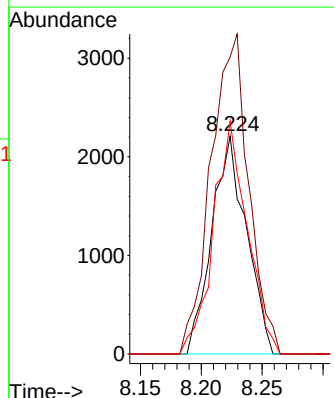
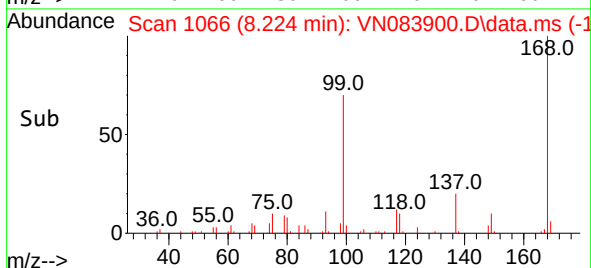
Tgt Ion: 43 Resp: 57
Ion Ratio Lower Upper
43 100
74 0.0 19.0 28.4#

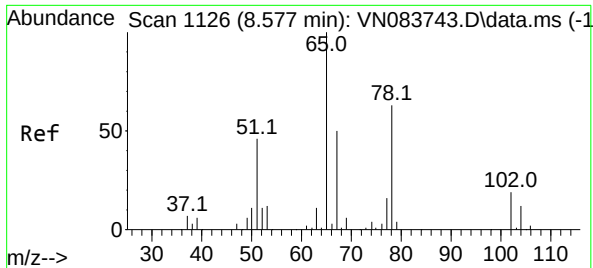


#31
Cyclohexane
Concen: 1.336 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.030 min
Lab File: VN083900.D
Acq: 14 Sep 2024 19:08



Tgt Ion: 56 Resp: 4372
Ion Ratio Lower Upper
56 100
69 136.3 26.9 40.3#
84 106.9 69.2 103.8#





#33

1,2-Dichloroethane-d4

Concen: 52.690 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN083900.D

Acq: 14 Sep 2024 19:08

Instrument :

MSVOA_N

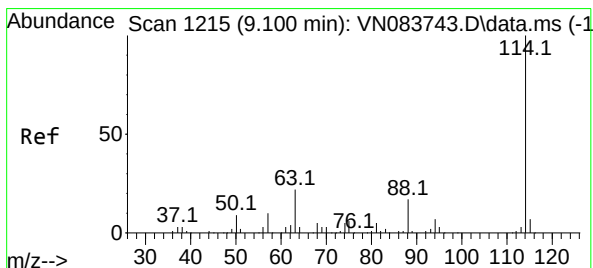
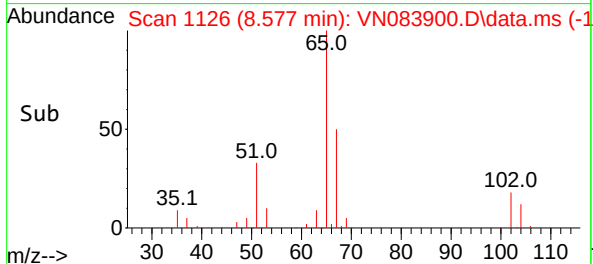
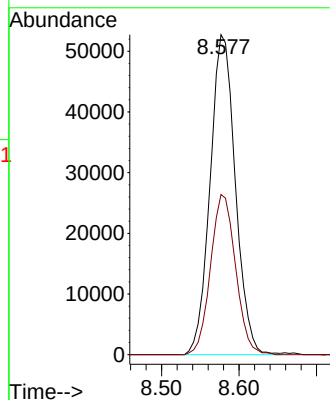
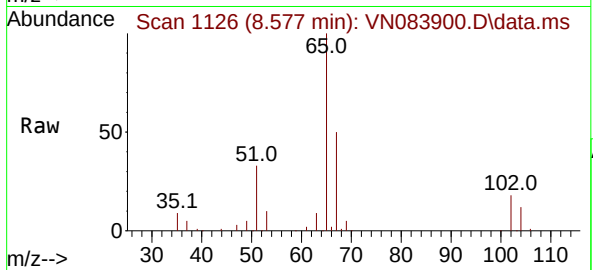
ClientSampleId :

Tgt Ion: 65 Resp: 119309

Ion Ratio Lower Upper

65 100

67 49.7 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN083900.D

Acq: 14 Sep 2024 19:08

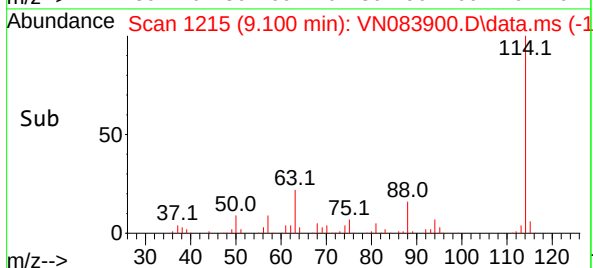
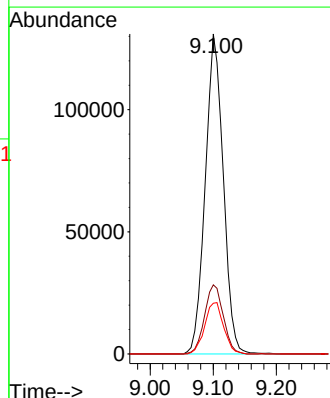
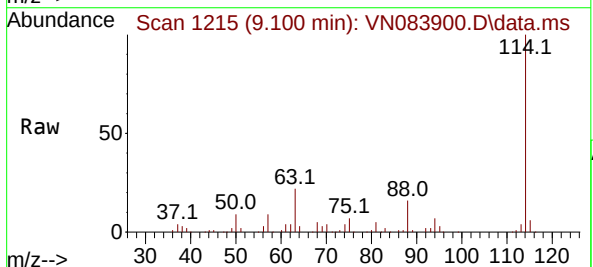
Tgt Ion: 114 Resp: 259613

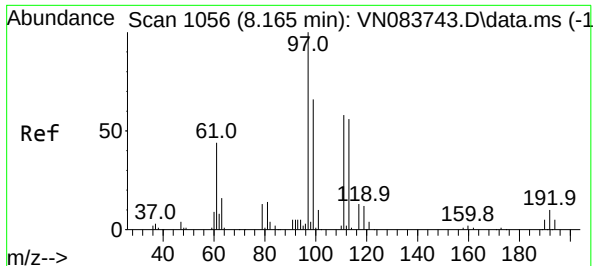
Ion Ratio Lower Upper

114 100

63 21.6 0.0 43.4

88 15.8 0.0 32.6





#35

Dibromofluoromethane

Concen: 51.345 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN083900.D

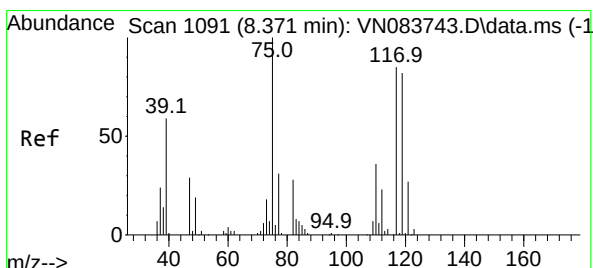
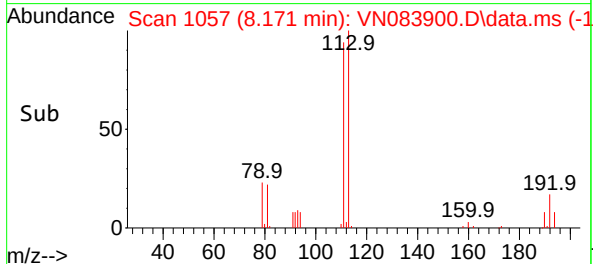
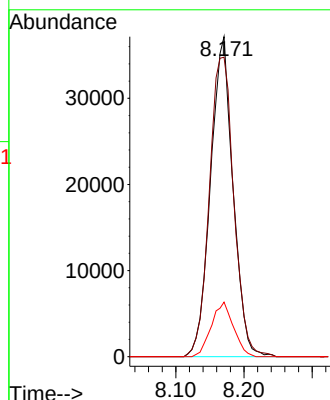
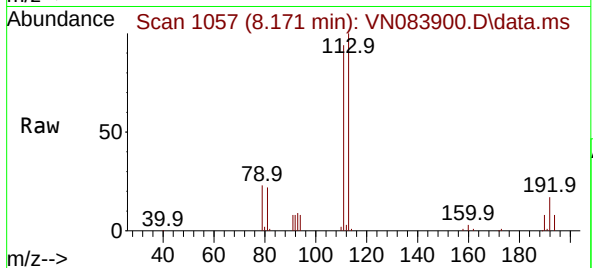
Acq: 14 Sep 2024 19:08

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	113	Resp:	85336
Ion Ratio	Lower	Upper	
113	100		
111	101.7	82.6	124.0
192	16.8	14.3	21.5



#36

1,1-Dichloropropene

Concen: 5.760 ug/l

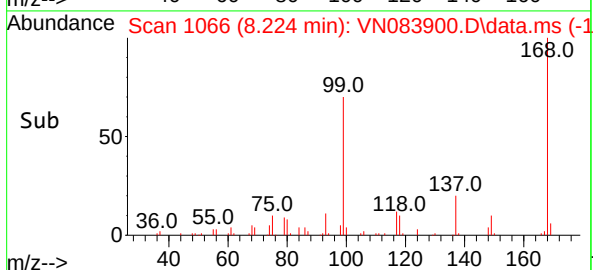
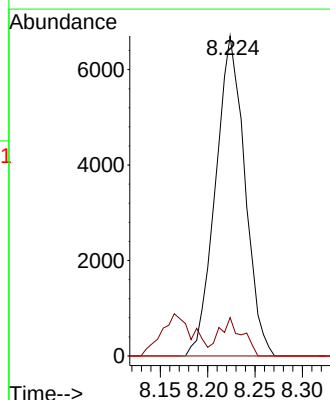
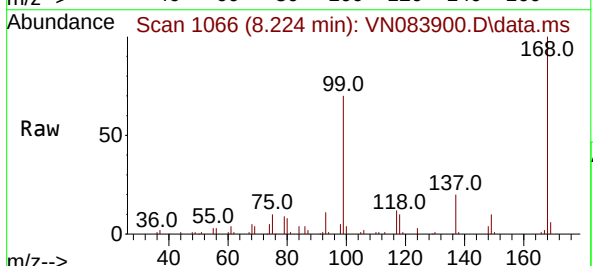
RT: 8.224 min Scan# 1066

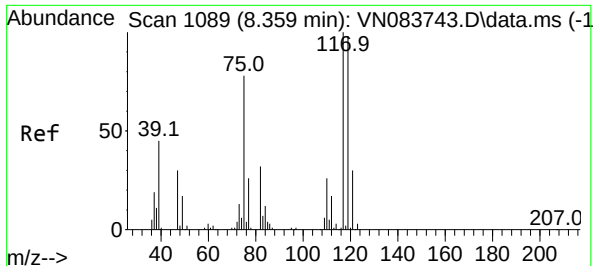
Delta R.T. -0.147 min

Lab File: VN083900.D

Acq: 14 Sep 2024 19:08

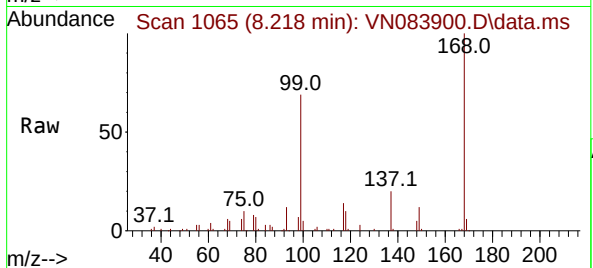
Tgt Ion:	75	Resp:	14410
Ion Ratio	Lower	Upper	
75	100		
110	9.3	16.7	50.1#
77	0.0	25.2	37.8#



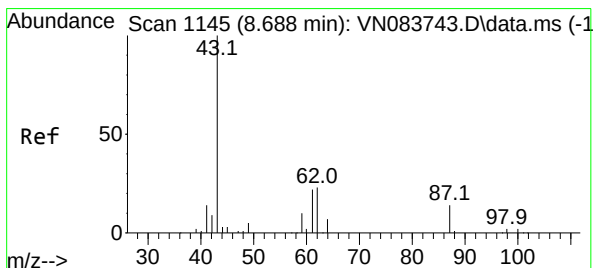
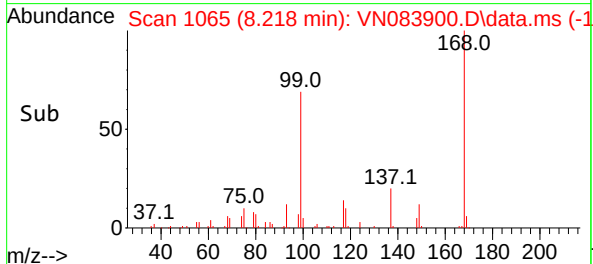
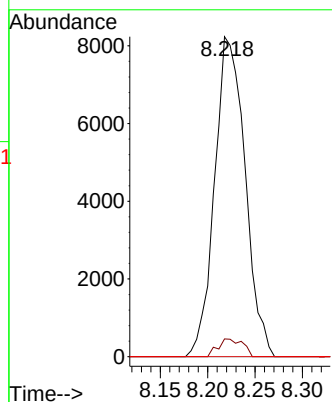


#38
Carbon Tetrachloride
Concen: 6.495 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.141 min
Lab File: VN083900.D
Acq: 14 Sep 2024 19:08

Instrument :
MSVOA_N
ClientSampleId :

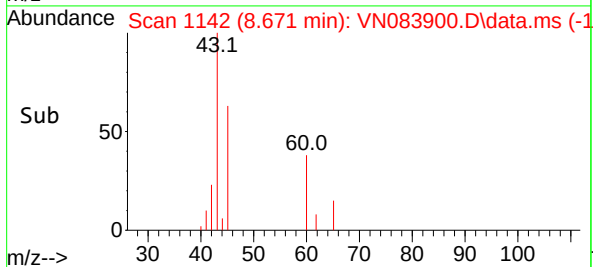
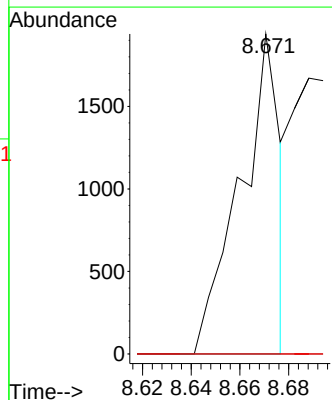
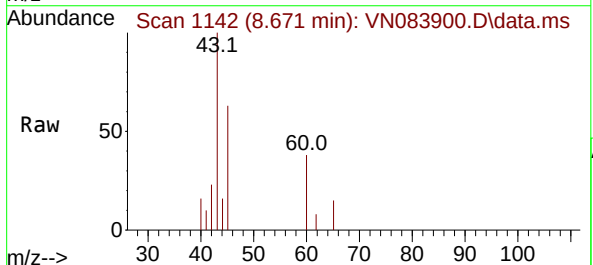


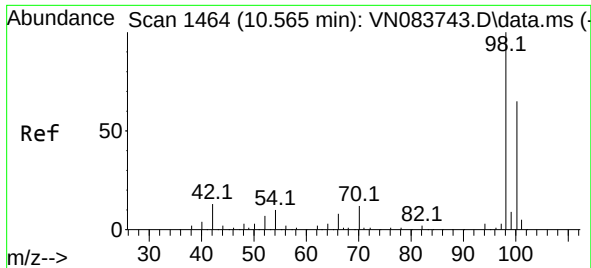
Tgt Ion:117 Resp: 18433
Ion Ratio Lower Upper
117 100
119 5.5 76.1 114.1#
121 0.0 24.1 36.1#



#43
Isopropyl Acetate
Concen: 0.537 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.018 min
Lab File: VN083900.D
Acq: 14 Sep 2024 19:08

Tgt Ion: 43 Resp: 2211
Ion Ratio Lower Upper
43 100
61 0.0 19.4 29.0#
87 0.0 9.8 14.6#

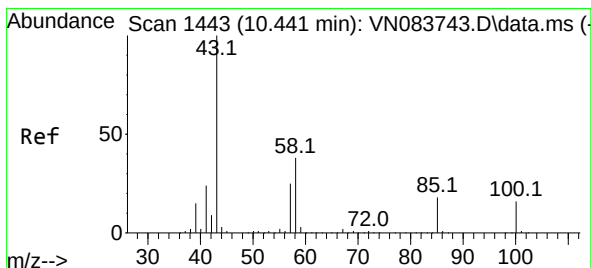
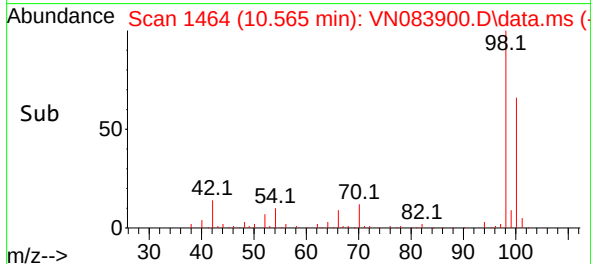
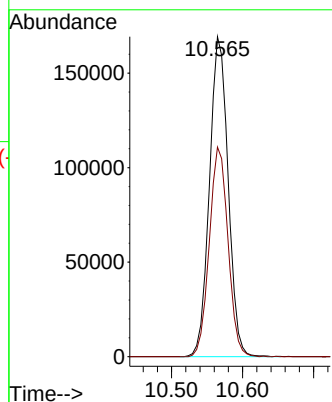
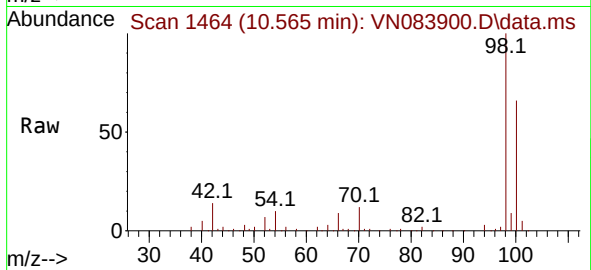




#50
Toluene-d8
Concen: 53.732 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083900.D
Acq: 14 Sep 2024 19:08

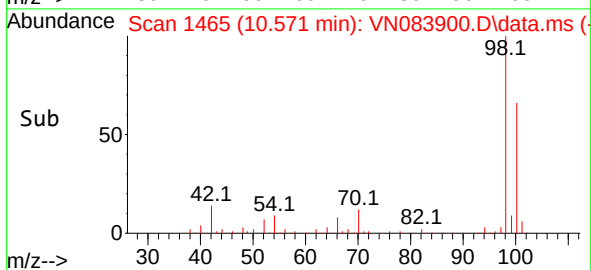
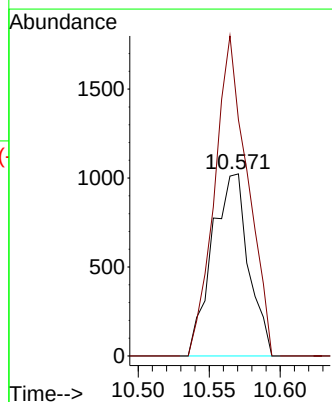
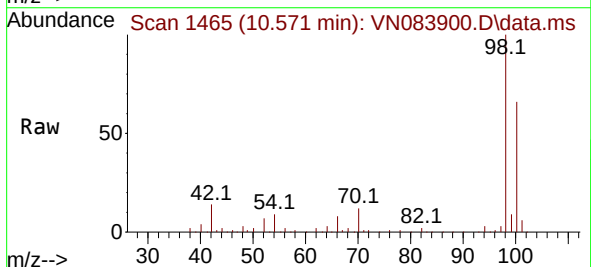
Instrument :
MSVOA_N
ClientSampleId :

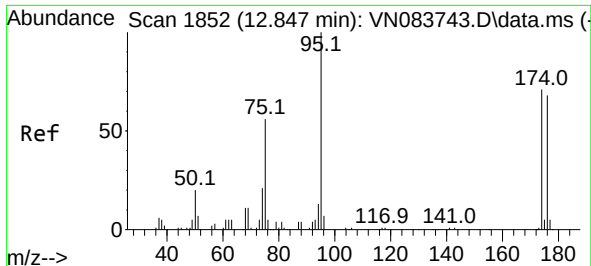
Tgt Ion: 98 Resp: 308723
Ion Ratio Lower Upper
98 100
100 65.6 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.817 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.129 min
Lab File: VN083900.D
Acq: 14 Sep 2024 19:08

Tgt Ion: 43 Resp: 1830
Ion Ratio Lower Upper
43 100
58 158.7 31.6 47.4#

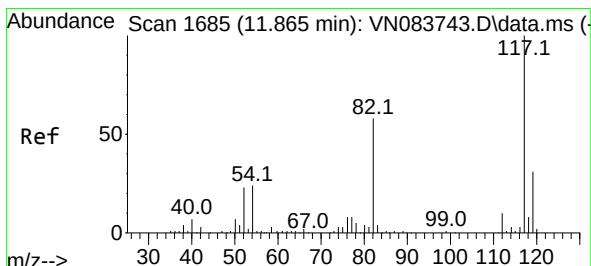
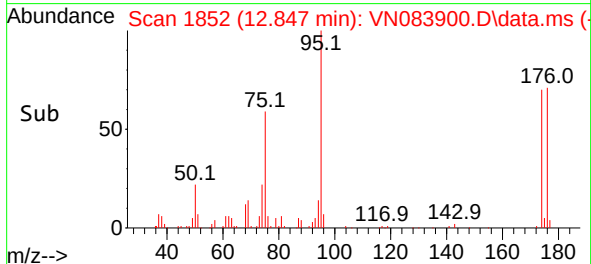
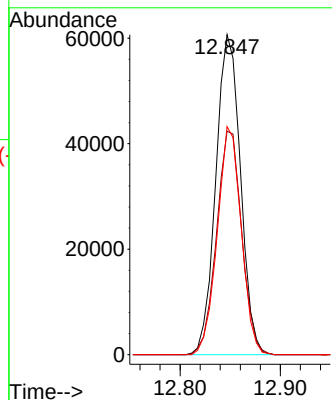
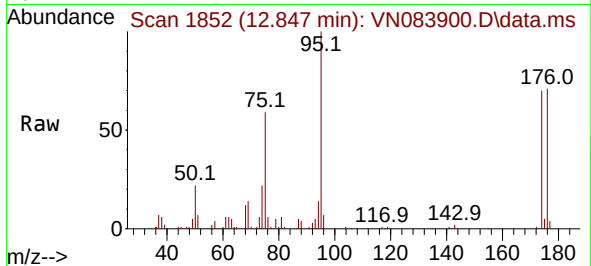




#62
4-Bromofluorobenzene
Concen: 43.761 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083900.D
Acq: 14 Sep 2024 19:08

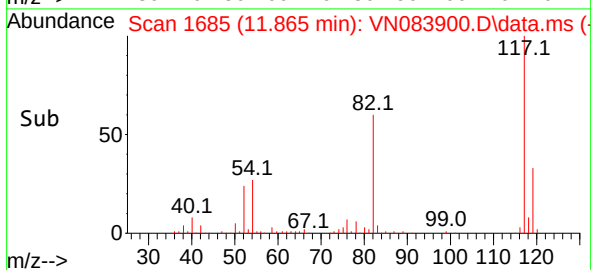
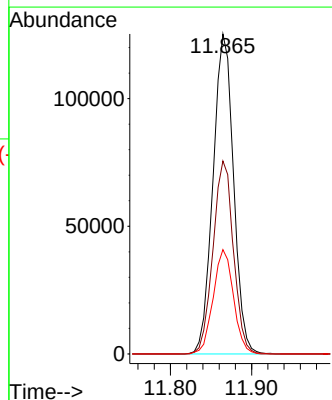
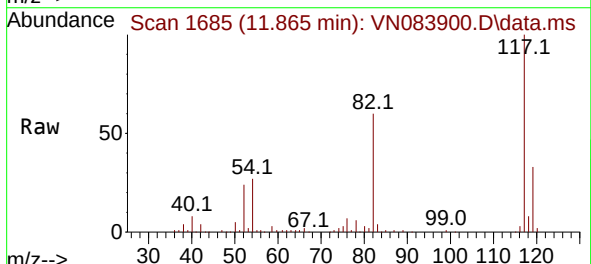
Instrument :
MSVOA_N
ClientSampleId :

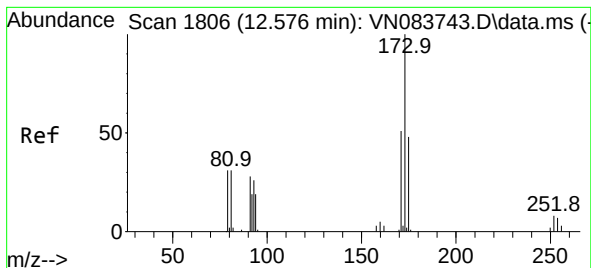
Tgt Ion: 95 Resp: 103736
Ion Ratio Lower Upper
95 100
174 71.3 0.0 139.8
176 68.9 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083900.D
Acq: 14 Sep 2024 19:08

Tgt Ion: 117 Resp: 220191
Ion Ratio Lower Upper
117 100
82 60.3 47.4 71.0
119 32.6 26.3 39.5





#71

Bromoform

Concen: 0.211 ug/l

RT: 12.841 min Scan# 1806

Delta R.T. 0.265 min

Lab File: VN083900.D

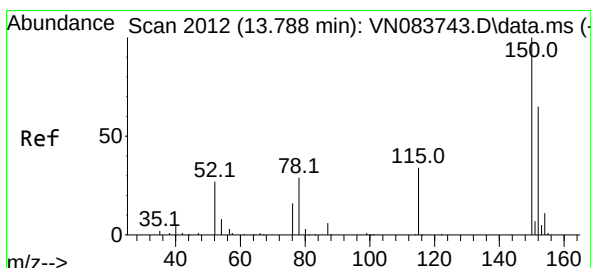
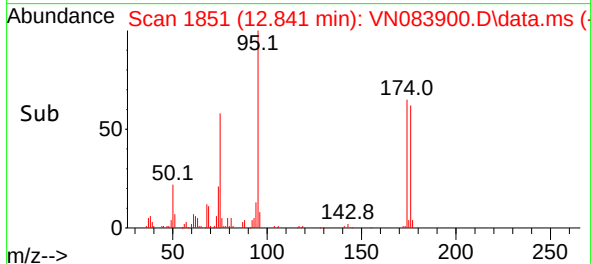
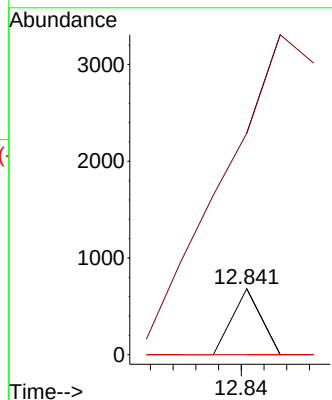
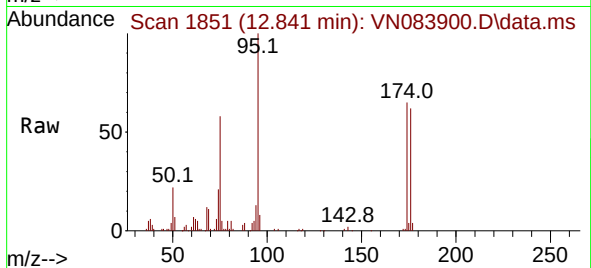
Acq: 14 Sep 2024 19:08

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	173	Resp:	241
Ion Ratio	Lower	Upper	
173	100		
175	1663.5	24.1	72.2#
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

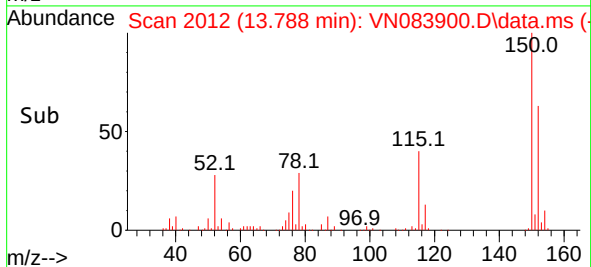
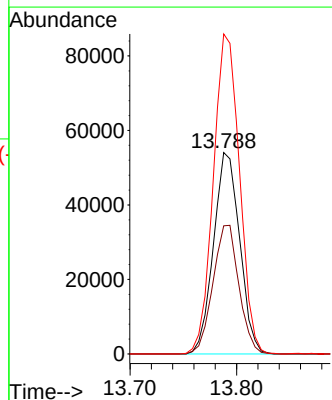
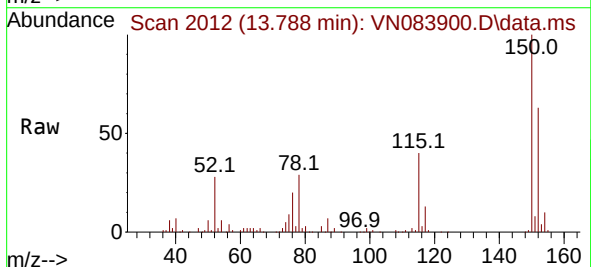
RT: 13.788 min Scan# 1212

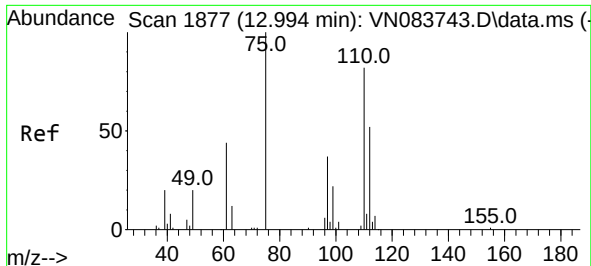
Delta R.T. -0.000 min

Lab File: VN083900.D

Acq: 14 Sep 2024 19:08

Tgt Ion:	152	Resp:	92288
Ion Ratio	Lower	Upper	
152	100		
115	63.3	32.2	96.6
150	158.8	0.0	348.6

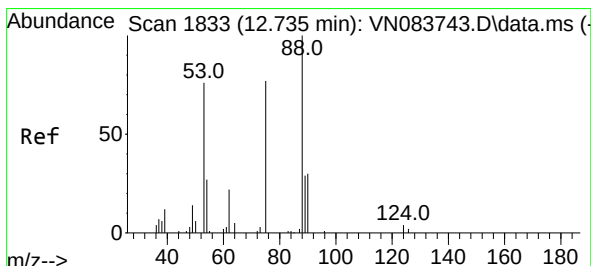
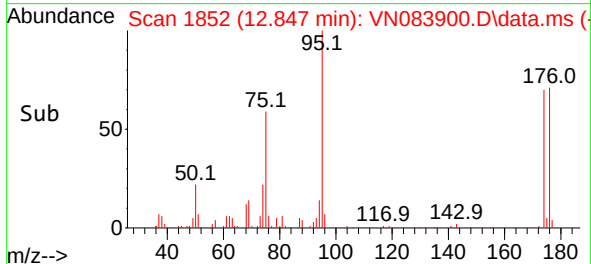
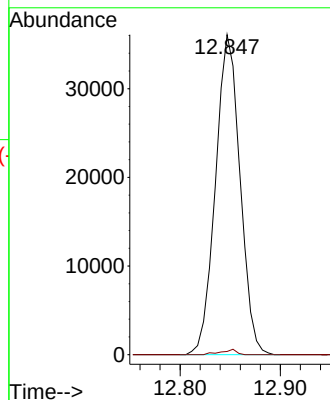
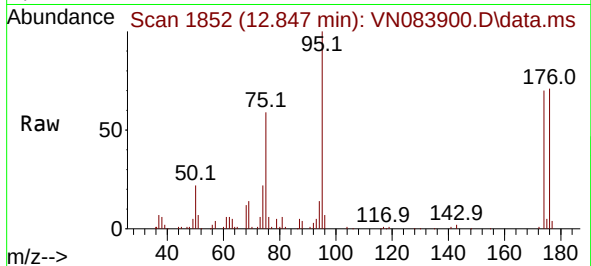




#76
1,2,3-Trichloropropane
Concen: 32.960 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN083900.D
Acq: 14 Sep 2024 19:08

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 61378
Ion Ratio Lower Upper
75 100
77 1.0 95.2 285.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 86.325 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN083900.D
Acq: 14 Sep 2024 19:08

Tgt Ion: 75 Resp: 61378
Ion Ratio Lower Upper
75 100
53 0.0 81.2 121.8#
89 0.0 35.7 53.5#

